

CITY OF SAN ANTONIO
San Antonio Fire Department
MEMORANDUM

TO: SAFD and DSD Associates
FROM: Abel Flores, Fire Marshal
DATE: December 8, 2005
FILE: Code Interpretation Manual

INTERPRETATION NUMBER: CI2006-007

TITLE: Fire Hydrant Location and Spacing for Sprinklered Buildings

CODE EDITION: 2003 International Fire Code (IFC) as amended by COSA

SECTION: 508.5.1.2 (COSA Amendment)

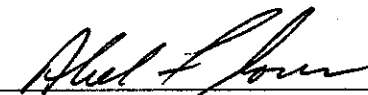
PURPOSE: To clarify when and how much the allowable increase for fire hydrant location and spacing for buildings protected throughout with an approved automatic fire sprinkler system.

QUESTION 1: What is the allowable increase in the hose lay distance for the fire hydrant location and spacing criteria for buildings that are equipped throughout with an approved automatic fire sprinkler system?

ANSWER 1: In most cases, the fire hydrant hose lay distance is permitted to be increased from 500 feet as specified in Section 508.5.1.2 (a) and (b) to 750 feet when the building is sprinklered per Section 508.5.1.2(a) Exception No. 2 and Section 508.5.1.2(b) Exception No. 1.

QUESTION 2: Are there any types of buildings or occupancies that would not be granted this increase in hose lay distance? If so, what are they?

ANSWER 2: Yes. The following occupancies and building types would not be granted this increase: Group H Occupancies; Group I Occupancies; Buildings with occupancies having High-Piled Combustible Storage; High-Rise Buildings.


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